

Certified OpenStack® Private Cloud by MomentumSI

Benefits

- *Rapid private cloud implementation*
- *Certified implementation by leading OpenStack delivery provider*
- *Multiple entry points—from start to scale*
- *Expert knowledge transfer and support*
- *Risk and cost reduction analysis*

Why MomentumSI?

MomentumSI is a leading IT consultancy and solution provider that helps enterprises plan, implement, expand and optimize SDLC transformations. MomentumSI has worked with hundreds of F1000 companies to create competitive advantage through innovation in strategy, architecture and engineering. By keeping an equal foot in start-up innovation, MomentumSI brings the best thinking of today's leading WebOps shops to bridge the divide between legacy and future IT delivery models. MomentumSI offers proven methodologies and best practices together with some of the most innovative and experienced innovators and implementers in software engineering, SOA, BPM, DevOps and continuous delivery and private and hybrid cloud computing.



openstack™

certified by **MomentumSI**

MomentumSI dramatically reduces the time and risk associated with your OpenStack cloud project. As one of the first Rackspace®-certified OpenStack delivery partners, MomentumSI has considerable skills and expertise in turning your OpenStack cloud vision into a reality.

OpenStack is an open source framework designed to facilitate the construction and automation of private and public clouds. First initiated through the joint efforts of Rackspace® and NASA, OpenStack has become one of the most active and vibrant open source projects in the cloud computing market. OpenStack implements and uses a number of services, including:

- **OpenStack Compute (“Nova-Compute”)**—which is designed to provision and manage a network of virtual machines as the basis for a redundant and scalable cloud platform.
- **OpenStack Network (“Nova-Network”)**—which provisions and manages network access between virtual machines executing on the OpenStack cloud.
- **OpenStack Object Storage (“Swift”)**—which provides redundant and scalable object storage using server clusters to store petabytes of data.
- **OpenStack Imaging Service (“Glance”)**—which provides discovery, registration and delivery services for virtual disk images.

MomentumSI offers multiple entry points for starting or scaling your OpenStack cloud.

Delivery options include:

- **Standard “QuickStart” POC**—designed to help you evaluate the function and fit of an operational OpenStack cloud based on the Rackspace reference architecture. This is the fastest and most efficient path to your OpenStack cloud, but it sacrifices flexibility to your unique requirements and is thus best suited for “greenfield” implementations.
- **Custom “QuickStart” POC**—allows you to evaluate an operational OpenStack cloud in conformance with your specific functional, architectural and infrastructure requirements. This option blends the best aspects of a standardized reference architecture with the flexibility to vary your requirements along the following dimensions:
 - Selection of your own hardware (servers, switches, storage, etc.)
 - Selection of your own hypervisors and operating systems
 - Custom compute, network and storage topologies

About MomentumSI QuickStart Services

MomentumSI QuickStart Services follow a proven delivery methodology that has been validated and refined through nearly two decades of large-scale enterprise transformation projects and a deep bench of project management, process design and infrastructure and application architecture skills. Our QuickStart services ensure your OpenStack deployment is fast, predictable and aligned to your project goals. QuickStart services include:

- *Rapid private cloud implementation*
- *Expert knowledge transfer*
- *Proactive and expert support*
- *Risk and cost reduction analysis*

- **Enterprise Deployment**—provides guidance and implementation services to integrate with your processes, policies and tool chain for production workloads and scale. This option is for organizations expanding a POC or moving more aggressively to enterprise deployment of an OpenStack cloud.

This delivery option includes services such as:

- Cloud readiness assessment and migration planning
- Application portfolio segmentation and prioritization
- A business case framework consisting of cost benefit analysis, value metrics and phased implementation roadmap
- Version management, license management and transfer models
- Capacity/demand planning
- Cloud solution architecture including
 - Elastic network topology analysis and design
 - Elastic storage topology including file servers, image storage and caching
 - Security architecture, including data and user/group access and rights
- Self-service and release process definition
- Cloud monitoring and health reports
- Funding models such as accounting and departmental charge-back
- Packaging of cloud-hosted operations
- A clear understanding of overall project scope, cost and time to production
- User-acceptance testing for initial rollout and to drive later-phase requirements
- End-user and administrator training and knowledge transfer
- Technical support, troubleshooting and remediation for production deployments

Each of these delivery options is supported by proven methodologies combining best practices for enterprise architecture and system design with agile and lean approaches to IT delivery.

For more information about our Certified OpenStack private cloud offering, call 512-236-1517 (US) or 888-886-8560 (toll-free). Or send e-mail to sales@momentumsi.com.

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About MomentumSI

MomentumSI is a leading boutique IT consultancy focused on enterprise transformation. We are known for helping large enterprises quickly and cost-efficiently adopt innovative, agile practices to align business needs with IT processes. We specialize in helping companies incorporate disruptive technologies, including Cloud Computing, DevOps, BPM and SOA.

